

**REMARKS**

Claims 1-3, 5 and 6 remain in the application, claims 4 and 7 having been canceled and their limitations incorporated into claims 1 and 5, respectively. Applicants respectfully request reconsideration of the application and allowance of all claims.

The prior art rejection stated in paragraphs 4-5 of the Office action is respectfully traversed. One significant difference between the present invention and Kim is that Kim discloses a method and apparatus for combining a Trellis coding scheme with Pulse Code Modulation (PCM), and not with reducing the peak power of a filtered signal. Kim does not teach or suggest using a BCH algebraic code  $c(N, K)$  as previously recited in claims 4 and 7 and now recited in claims 1 and 5.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited.

Respectfully submitted,

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: April 17, 2007

/DJCushing/  
David J. Cushing  
Registration No. 28,703